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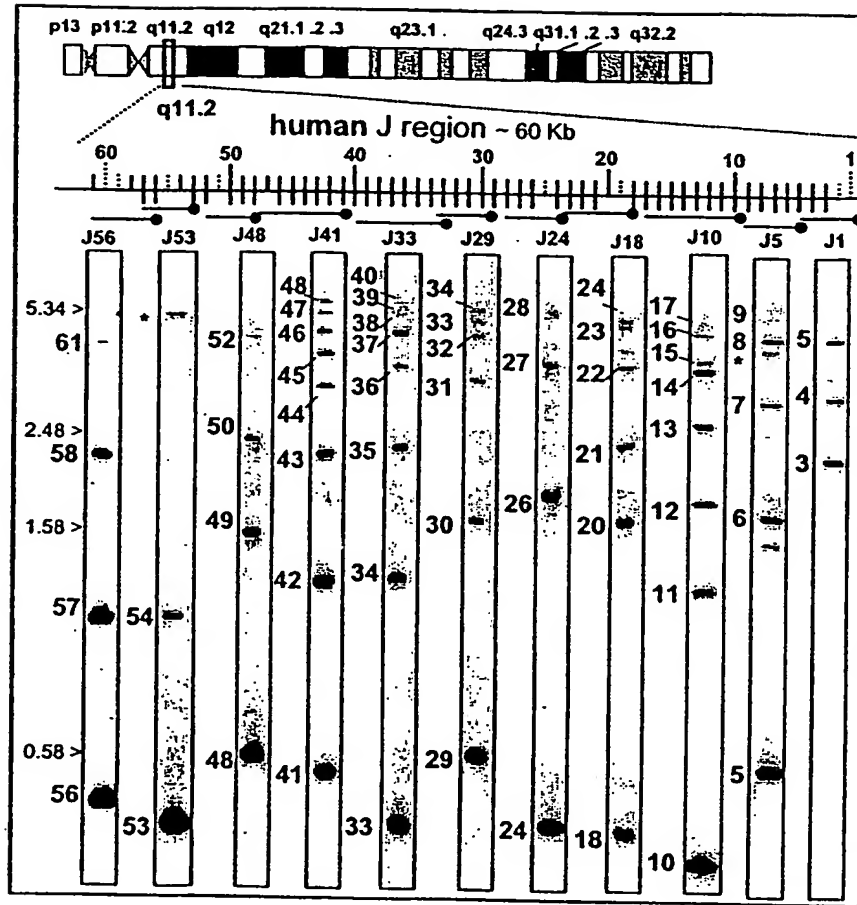


FIGURE 1

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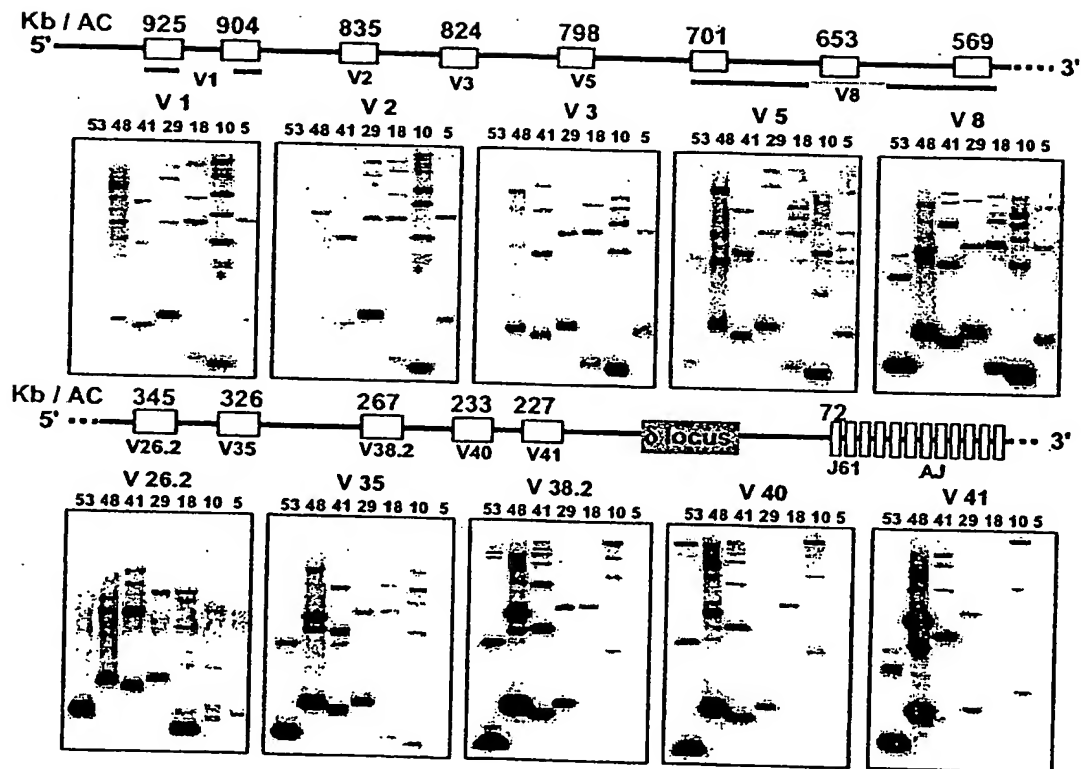


FIGURE 2

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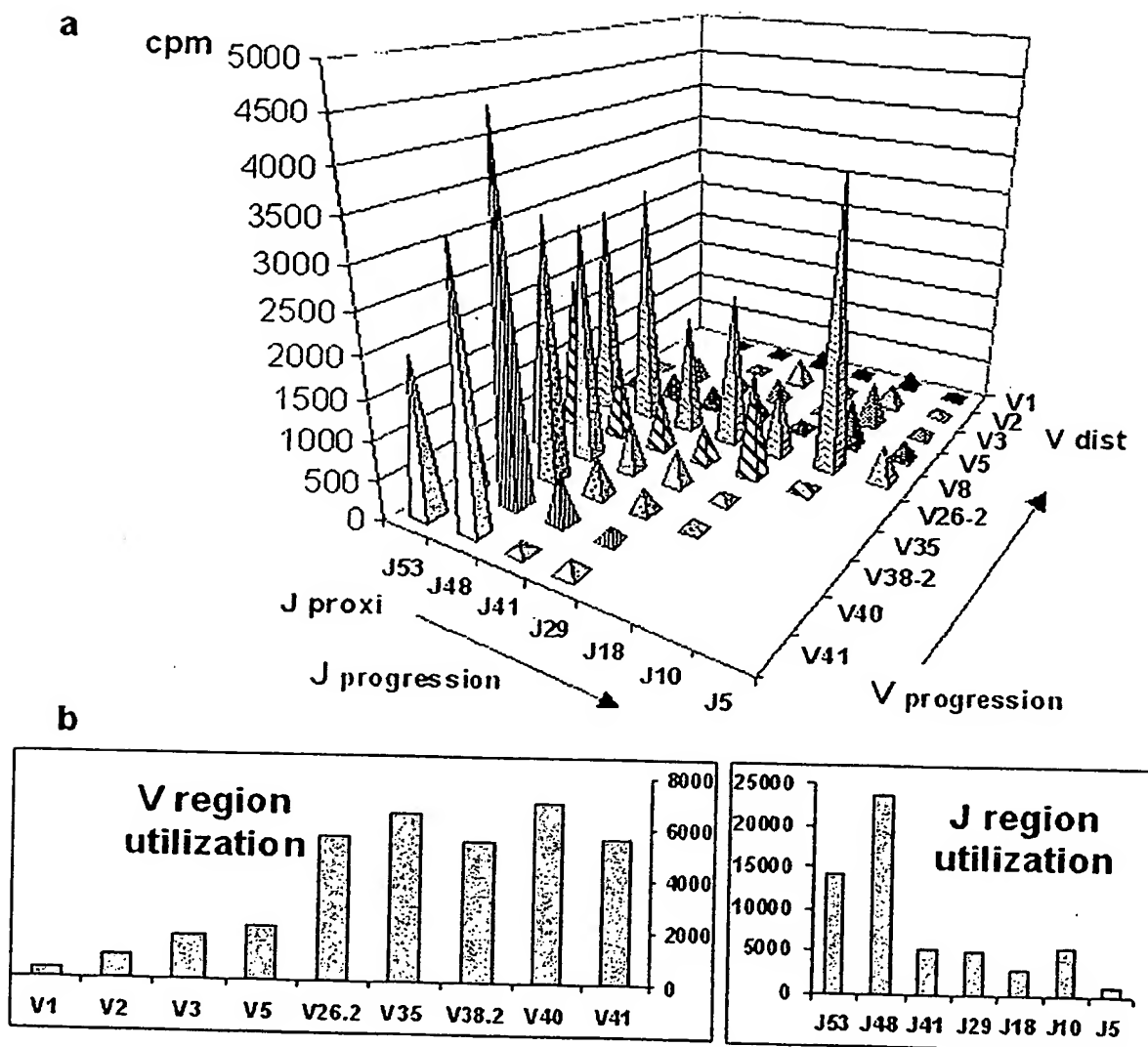


FIGURE 3

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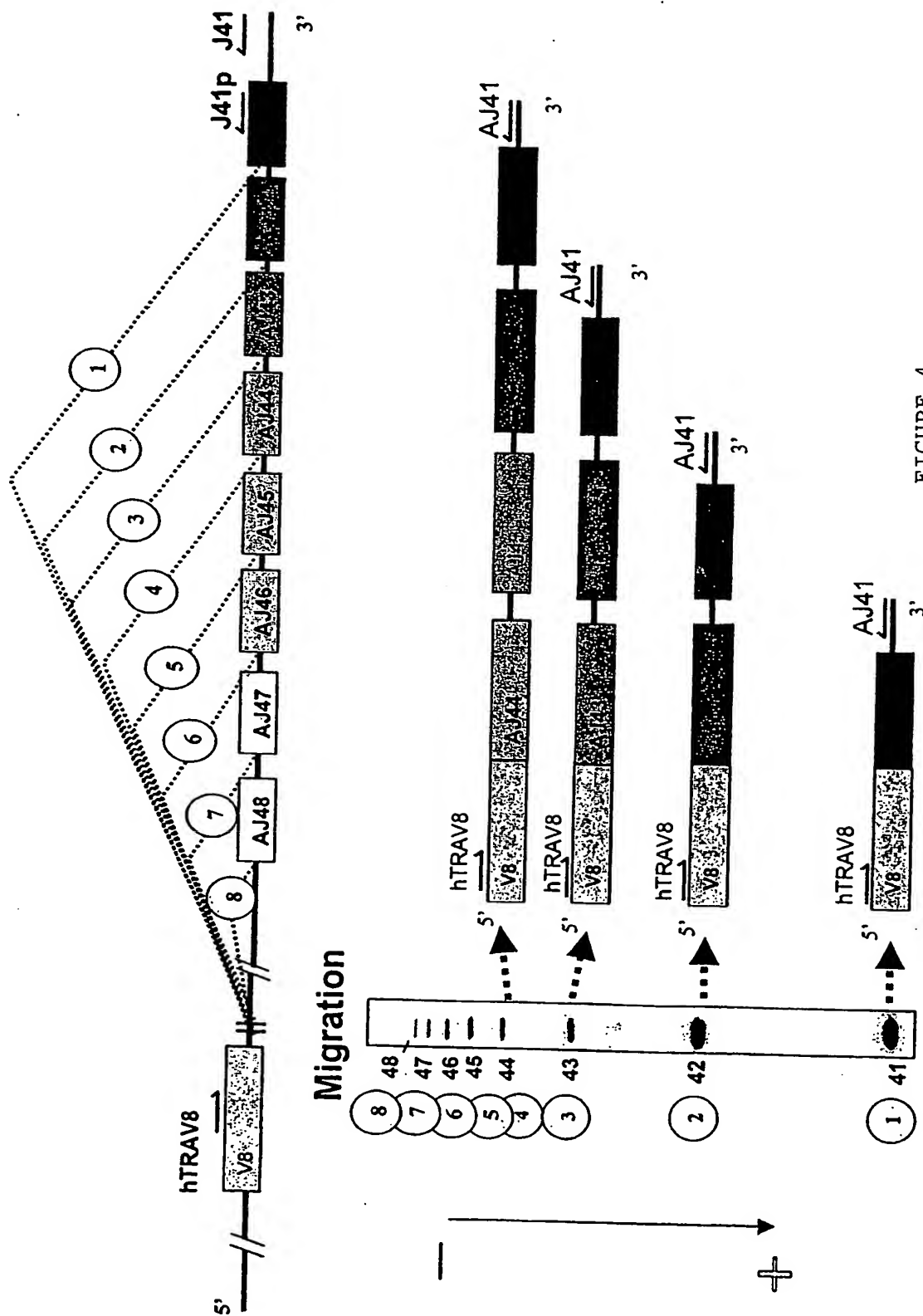


FIGURE 4

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hV gene	Heptamer	%	Spacer	%	Nonamer	RSS Score	Dist/Gc (Kb)	Signal Outy	J
hV1-1	CACAGTG	100	ACTATGAGCCCTGCTTAAGTGTG	56	CCAAATTC	56	72	925	J10
hV1-2	CACGGTG	86	ACTATGAGCCCTCTTAGCTGCA	63	CCAAATTC	56	69	904	J10
hV2	CACAGAG	86	GCAGGGACCCATGAAGAGCTGA	56	ACAGAAACA	78	75	835	J10
hV3	CACACTG	86	ATAGGGGCTGCAGGGGAGCAGA	56	ACACAAACT	89	80	824	J10
hV5	CACATTC	86	CTTCTCAGCCACCTGTATCCTGT	94	ACCCAAACC	100	93	798	J10
hV8-2	CACAGTG	100	CTTGAGACTGCAGGAGAGCTGAA	50	CAGAGCCT	33	63	701	All J area
hV8-4	CACAGTG	100	CTTGAGACTGCAGGAGAGCTGAA	50	CATAAACCT	33	63	653	
hV8-6	CACAGTG	100	CCTGAGACTGCAGGAGAGCTGAA	44	CACAAACCT	44	65	569	
hV26-2	CACAGTG	100	GGACAGATCGGGCTGCAGCTGTG	56	CAATATCTC	33	64	345	J48
hV35	CACAGTG	100	CTCCCCTAAACACTGAGCCTGT	94	ACTCAAAGT	78	90	326	J48
hV38-2	CACAGTG	100	AGACAAGCAACAGGGAGAGGCTT	31	ACAGAAACC	89	78	267	J48
hV40	CAGTGTG	86	TTAAAAGCACAGTGCAGCTATA	44	CAAAACCT	44	60	233	J48
hV41	CACAGTG	100	CTCCCAGGCACTGAGCCCT	94	ACCTAAACT	78	90	227	J48
Consensus	CACAGTG		-T---CAG-CA-CTG-AACCTGT		ACACAAACC		%		

FIGURE 5

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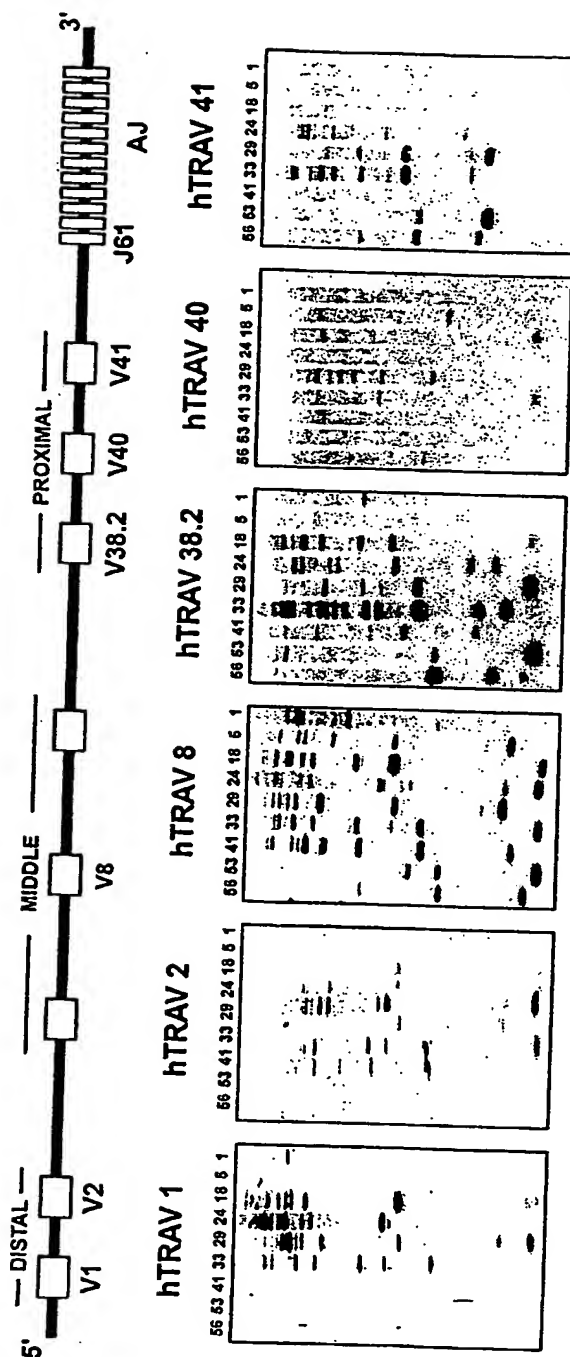


FIGURE 6

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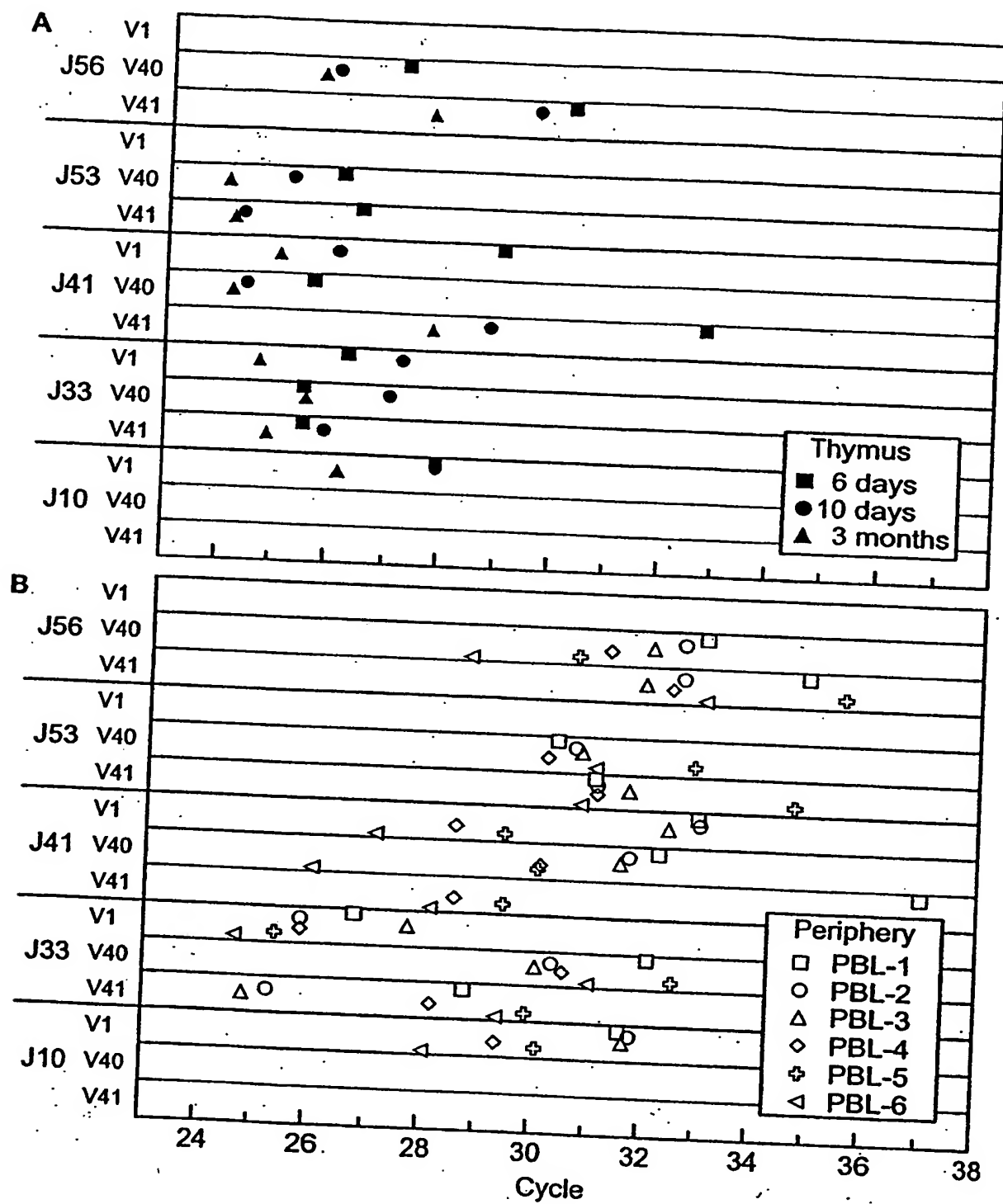


FIGURE 7

FIGURE 8



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